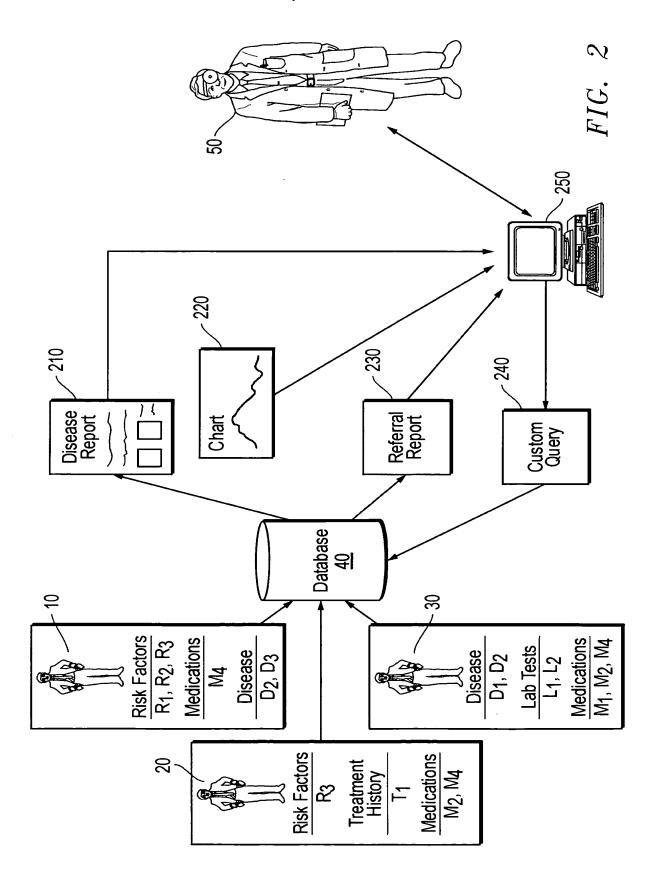




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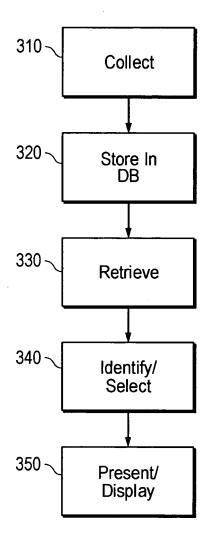


FIG. 3



/ 400 Initial Visit Patient Electronic Care System - Encounter - Encounter Documents **Encounter Note** Oak Health Center Vitals Last Visit This Visit Date mm/dd/yy 01/01/02 Puls e Resp Rate BMI 420< Not Homeless Not Migrant Temp Systolic BP Diastolic BP 410 Chronic Conditions 461 Medications Laboratory Test Results Other Diagnostic Tests Vaccinations and Immunizations 462 463 430 Risk Factors 464 -465 -Other Measures Referrals and Education Other Notes 466 467 -456 442 452 454 446 448 Chart# 012346 Henery. P Griffen Page 1 of 1 Date Printed: 7/8/02 440 -1 of 1 Help <<First Close Preview Back Creating encounter note for 012345 444 FIG. 4



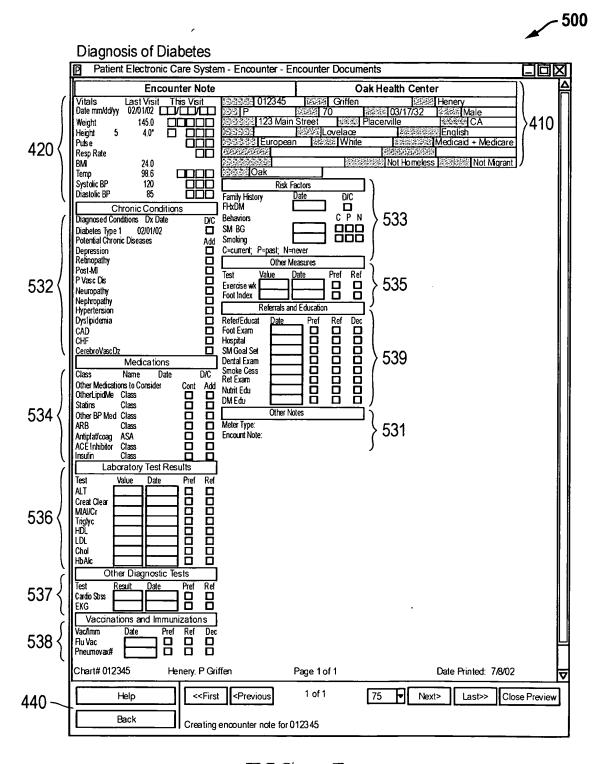


FIG. 5



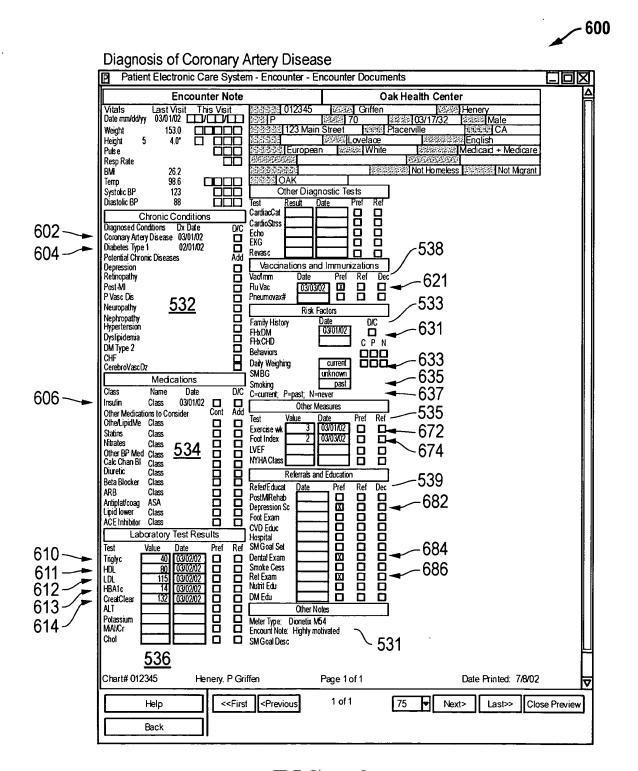


FIG. 6



[Patient Electronic Care System - Enco	ounter - Encounter Documents	
	Encounter Note	Oak Health Center	
	Vitals Last Visit This Visit See P	012345 Giffen Giffen Henery 70 Giffen Giffen Male	
	Weight 155.0 00000	123 Main Street Placerville CA	j
	Height 5 4.0"	Lovelace European White Medicaid + Medicare	
	Resp Rate	522 5200000000]
İ	BM 26.6 Temp 98.6	Not Homeless Not Migrant OAK	•
	Systolic BP 125 DD L	aboratory Test Results Referrals and Education	539
	Diastolic BP 87 Test Chronic Conditions Potassium	Value Date Pref Ref Refer/Educat Pref Ref Dec 51 05/01/02 D D CSD PU	ノー
<u>,</u> Ι	Chronic Conditions Dx Date D/C CreatClear	120 05/01/02	~712
)2~_	Major Depression Recur 07/08/02	47 05/01/02 Depression Sc X	- 12
	Coronary Artery Disease 03/01/02 HDL Diabetes Type 1 02/01/02 LDL	108 05/01/02 CVD Educ X	~ 714
	Potential Chronic Diseases Add HbA1c	13 05/01/02	
	Refinanthy TSH	SM Goal Set	
	Post-MI P Vaso Dis 532 MANCr Chol	SM Goal Set	~ 716
	Neuropathy	Other Diagnostic Tests Ret Exam	
	Nephropathy Test Hypertension CardiacCal		
	Dyslipidemia	Negative 05/03/02 Other Notes	
	DM Type 2 EKG CHF Echo	RBB 05/03/02	
	CerebroVascDz Revasc	Encount Note: Highly motivated CSD PU Desc	
		nations and Immunizations SM Goal Desc	
¥	Class Name Date D/C Vacfimm Anti-Depress Class 07/08/02 Ru Vac	Date Pref Ref Dec 537	
/4 ->	Insulin Class 05/01/02 Pneumova:	#	
İ	Other Medications to Consider Cont Add CotherLipidMe Class	Risk Factors	
		ory Date DIC 103/01/02 P	
ļ		030102	
i	Tricyclics Class	ouse 🔲 🔲	
ĺ	Other BP Med Class		
	Calc Cran BI Med Class Behaviors Diuretic Class Daily Weig	CPN	
	Beta Blocker Class SMBG	unknown	
	ARB Class Smoking Antiplat/coag Class C=current;	P=past; N=never	
	Lipid lower Class	Other Measures	
	ACE Inhibitor Class	Value Date Pref Ref 3 03/01/02	
	Exercise wk Foot Index	3 03/01/02 0 0 0 0 0 0 0 0 0	
	PHQIndex		
	LVEF NYHA Clas		
	PHQ Curre		
			ŀ
	Chart# 012345 Henery. P Griffen	Page 1 of 1 Date Printed: 7/8/02	
	Time transfer of the transfer	. 135 1011 Date 11111ed. 1/002	

FIG. 7



Diagnosis of Asthma	
Patient Electronic Care System - Encounter Documents	
Lipid lower Class	F
Chart# 012345 Henery, P Griffen Page 1 of 1 Date Printed: 7/8/02	
Help <= First <previous 1="" 1<="" of="" td=""><td>Preview</td></previous>	Preview
Back Creating encounter note for 012345	

FIG. 8



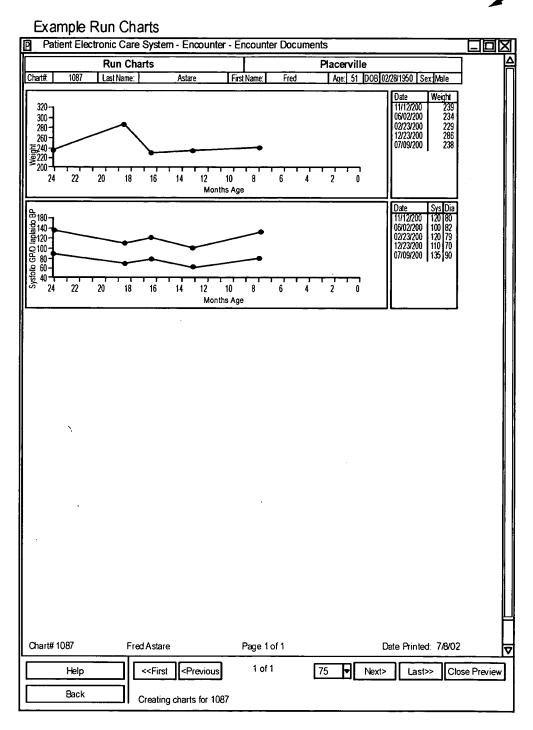


FIG. 9



		Pick Li:	nt .		/lon/@oncour	torolinio)>0	@ongountom	
Chartti	Imadical coord				(len(@encour			[cov]
	afe of Birth mergency Contai mergency Contai mergency Contai mergency Contai mergency Contai mergency Contai mergency surance surance Type anguage Spoken ast Name iddle Initial or Na igrant hone Number 2 arimary Provider ace ace ace ace degee Status chool/Day Care I chool/Day Care I chool/Day Care I	Demographics Dental Ct ct Phone Phone	[last_name]	First Name		Age: @ag DO Vitex Pressure	Bil [date_of_bil Sex:]	[sex]
	cute-MI ipolar fronic Obstructiv oronary Artery Di yslipidemia epatitis C somnia asal Polyps eripheral Vascula nusitis Acute eight Gain	sease	Add Allergic Rhinitis Allergic Rhinitis Bronchopulmonary di Chronic Peridontitis Diabetes Type 1 Eczema HN Major Depression Re Nephropathy Post-MI Tuberculosis	ysplasia [[[] [] [] current [[]	Cerebrovascular Chronic Renal Ir Diabetes Type 2 GERD Hypertension Major Depressio	nsufficiency	Chronic (Dysthyn Congestive Heart Diabetes Gestatio Hepatitis B Influenza Minor depression Obesity	nia) : Failure onal
Chart #	<pre># [medical_recor d_number]</pre>	(firstnan	ne] & " "&[last_name]	Page 1 of 3			Date Printed: *	& Date



		Pick List		iif/le	en(@encount	erclinic\>0_@	Dencounters
Cha	art#: [medical_recor	Last Name:	[last_name]	First Name:	[first_name]		[date of bil Sex: [sex]]
-			[T Wat Charles		7 7 190 1 190 2	Tacto of our Terri
Ad	II Class	Name	Med Dose	dications	Quantity	Refills	Provider
1 1-	חו	Name	Dose	Frequency	Quantity	Rellis	Provider
	Lab Test 24hrUP ALT AST CD4		n Test	ccinations Vaccine patitis A Vaccine # patitis B Vaccine # patitis B Vaccine # patitis B Vaccine #	Average Hor Best PEFR CAGE	al Index Cerbations Companies PEFR Companies C	Ref and Ed Adherence Counselin Allergy Consult Asthma Action Plan Asthma ED or Urgent Asthma Education Asthma Education Fa
	Fasting Glucose HDL Hemoglobin A1c IgE Level LDL Microalbuminuria Potassium RAST T-3 Uptake T-4 Free Theophylline TSH Viral Load - HIV	ce	gram Philiogram tress Test ne Challen n Function T ization		□ Left Vent Eje □ Medication A □ Missed Days □ HYHA Class □ Packs of Cig □ PHQ Initial □ PHQ Latest □ Physical Acti □ Predicted PE □ Symptom Fre	ction Fra characters control of the control of the characters control	Asthma Severity Asse Case Manage Coverage Assistance Crisis Triage CVD Education CVD Prevention Educ Dental Exam Depression Screening DM Education Trige Counseling Exercise Education Family Counseling Follow-up Foot Check Exam Hospitalization Medication Self Mgt Tr. Mental Health Nutritional Education Oral Health Education Peak Flow Education Peak Flow Education Prevention Education Prevention Education Prevention Education Pulmonary Consult Retinal Exam Self-Management Goa Smoking Cessation Social Assessment Substance Abuse Scr Support Groups Transport
<u> Ad</u>	J Family History		Md Occupa	tional History	CPN B	enaviors	
Ch	art# [medicat_record_number]	[firstname] & "	"&[last_name]	Page 2 of 3			Date Printed: "& Date



Р	ick List	iife	(len(@encou	nterclinic)>0, @encounterc
Chart#: [medical_recor Last l	Vame: [last_name]	First Name:		Age: @ag DOB [date_of_bi Sex: [sex]
Family History Alcoholic Parent Domestic Violence Family History of Asthm Family History of Atopy Family History of CHD Family History of DM Family History of Depre Sexual Abuse	Risk 畑 Occ □ ER I □ Migr a □ Pros	First Name: Factors upational History Nurse ant Worker stitute		Behaviors Alcohol Abuse Allergen Exposure Animals In Household Daily Weighing Day Care Drug Abuse (other) Drug Use (IV) Environmental Triggers Medication Non-adherence Nebulizer Peak Flow Monitoring Risky Sex (hetero) Risky Sex (same) Self Monitor Blood Glucose Smoke in Household Smoking Triggers Allergies Triggers Cat Triggers Dost Triggers ETS Triggers Exercise Triggers Roach Use of MDI Use of Spacer
Chart # [medical_recor [d_number]	firstname] & " "&[last_name]	Page 3 of 3		Date Printed: "& Date



1202	Patient Elec	ctronic Care System	
1302 1304	Logout	PECS Version 1.1	
1304 —	Encounter	Bet Tester	
	Reports Data Entry	Beta Tester Site Product ID: 1142-5133-2333-9192-4233-4242	\ <i>A</i>
	Options	Floudict ID. 1142-5155-2555-9192-4255-4242	
	Options Database <u>T</u> ools		
			•
	l		
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			-
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	:		
	<u>H</u> elp		
	<u>B</u> ack		

FIG. 13

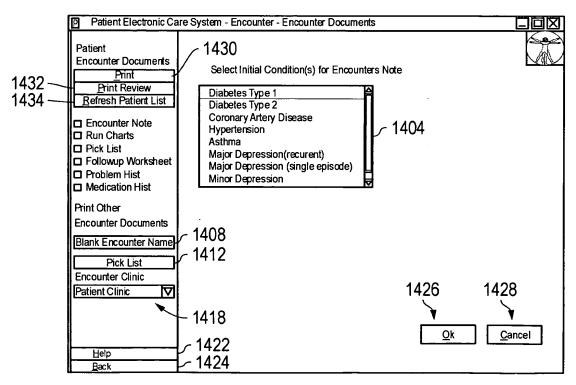


FIG. 14



	P Patient Electronic Ca	are System - Encounter - Encounter Documents	
1520 \ 1522 \ 1524 \ 1526 - 1528 \ 1530 \	Patient Encounter Documents Print Print Review Refresh Patient List Encounter Note Run Charts Pick List Problem Hist Print Other Encounter Documents Blank Encounter Name Pick List Encounter Clinic Patient Clinic Help Back	Patient Pick List Basis: Select by Clinic and Provider 1513 Clinics abc test 7 Clinics apc qqq 2222 Chart number	

FIG. 15



	llow-up Worksheet			abc	
Chart#: 1231	Last Name:	ssssss First	Name: ss	Age: 35 DOB	02/08/1967 Sex: Othe
Lab Tests Ordered: Other Diagnostic Tests Or Vaccinations Ordered: Other Measures Ordered: Referrals and Education O	dered:				
	. ,				
Chart# 1231	ssssss, sssssss	Page 1	of 1	Date Printed	i: 7/8/2002

FIG. 16



		Problem History				abc		
Chart#:	: 1231 Last Name: sssssss First Na				Name: sssssss, s Age: 35 DOB 02/08/19			
			Current Co	onditions				
Visit Date		Problem	ICD-9-CM	Dx Provider	Dx Date		Resolved	
		1 TODICITI	10D-3-0W	DX F lovides	DX Date	•	resolved	
Chronic				_			_	
07/04/02		Bipolar	296.7		07/04/02			
07/04/02		Chronic Bronchitis	491.9		07/04/02		4	
07/04/02 07/04/02		Depression Tubuerculosis	296 011.90		07/04/02 07/04/02		4	
0110402		Tubacradions	1 011.30		1 07704102	·	J	
Acute								
07/04/02		Acute Periodontis	523.3	1	07/04/02		7	
07/04/02		Influenza	487.1		07/04/02		7	
07/04/02		Viral Infection	079.99	1	07/04/02]	
			Resolved (conditions				
Visit Date		Problem	ICD-9-CM	Dx Provider	Dx Date	:	Resolved	
Chart# 13	231	666666 666666	D _n	ao 1 of 1		Data C	printed: 7/0/000	,
UIMIH I	231	SSSSSSS, SSSSSSS	Pa	ge 1 of 1		Date F	Printed: 7/8/2002	·
_								



	Medication History abc											
Chart#:		Last Name:	[SSSSSSS	I	First Name	: SSS	SSSS, S	Age	35 DOB 02/08/	1967 Sex Othe	
				_								
					Current Me	dia atiana						
Visit Date	Class	Name	Px Provider	Px Date		Frequency	Quantity	Refil	DC	Reason		
07/04/02	Antiplatlet/An	Aspirin	1 11 10 100	07/04/02	5000	Trequency	Quantity		Õ	1100011	7	
07/04/02	NRTI	Didanosine		07/04/02				\dashv	H		1	
07/04/02	Bronchodilator	Class		07/04/02				\neg	H		1	
07/04/02	Alpha 2 Antag	Class		07/04/02					П		1	
07/04/02	Antiplatlet/An	Class		07/04/02								
07/04/02	Biguanides	Metformin		07/04/02					Н	<u> </u>	4	
07/04/02	AG Inhibitor	miglitel		07/04/02		L			Ш	L	J	
					1	To add medi	ations see th	ne Pick Lis	t 🗖 A	dd T		
	To add medications see the Pick List 🔲 Add											
				Cont	rindicated N	Aedications						
Visit Date	Class	Name	Px Provider		Reaso		Co	ntr. Provid	er			
İ												
Visit Date	Class	Name	Px Date	Past	or Change	d Medication Frequency		D/C Note				
VISILUALE	Ulass	Name	r x Date		DOSE	rrequercy		DIC NUIE				
1												
ŀ												
ŀ												
	100.4				_							
Chart# 1	1231	ssssss,	SSSSSSS		Pag	ge 1 of 1			{	Date Printed: 7/8/	/2002	
I												



1000	Patient Electronic Car	e System - Data Entry	
1902 1904 1906 1908 1910 1912	New Patient Add Patient Data Edit Patient Data Configure Run Charts Make Patient Active Make Patient Inactive Effective Dates	All Patients	
1914 ~	☑ Show Active Patients ☐ Show Inactive Patients	Chart Number:	
	Refresh Patient List Help Back		

FIG. 19

Patient Electronic Care Sy	stem - Data Entry			
New Patient				
Olina				
Clinc	<u> </u>	—-₩		
Primary Provider	7/4/2000			
Date Active Chart Number	7/4/2002	☑		
		≌		
Last Name				
First Name				
Middle Initial or Name				
Date of Birth		✓		
Sex		▼		
Street Address One		∀		
Street Address Two		∀		
City		∀		
State		∀		
Zip Code		∀		
Phone Number				
Language Spoken		- 		
Ethnicity				
Race		H		
Insurance	-			
Homeless		- 		
Migrant		 		
Neligi ar k	<u> </u>			
Help			Ok	Cancel
			لتتا	
<u>B</u> ack				

FIG. 20



Patient Electro	nic Care System - Dat	a Entry			
Add Patient Data	Encounter I	Date:	∇	Provider: www	▼
Clinic: abc	▼ Next Visit I	Date:		nter Type: Office Visit	_♥ I
Chart Number: 1231	Last Name: ss	ss ssss First Name:	\$55555, \$	Age: 35 DOB 02/08/67 Se	ex: Other
07/04/02 Last	Visi This Visit				
	90.0]			
Height 5' 1 Pulse	0.0 " 85	+			
Resp Rate	20				
Temp 1 Systolic BP	02.0 125	1			
Diastolic BP	59	†			
		-			
Add I	New Item	J			
	ſ				
:					
<u>H</u> elp	Demo	Conditions	Meds	Labs Other Tests	Class
					Close
<u>B</u> ack	Vac / Imm Risk F	actors Other Me	asures	Ref / Edu Other Notes	

FIG. 21

Patient Electronic Car	re System		X
Patient SSSSSS, S	SSSSSS, S	Med Rec No: 1231	
Authorizing provider:	L	()	
Reason for change:			
Office peak flow			
Pulse Oximetry Waist Circumference II Waist Hip Ratio	nches		
To add item select iten click Cancel	ns, then click OK. To cancel	Ok	Cancel

FIG. 22



Patient Electronic Care System - Data Entry	
Add Patient Data: Encounter Date: Provider: www	A
Clinic: abc	
Chart Number: 1231 Last Name: ssssss First Name: ssssss, s Age: 35 DOB 02/08/67 Sex Other	
Chronic Conditions	
07/04/02 Last Visit This Visit	1
Diagnosed Conditions Dx Date D/C	
Potential Chronic Diseases Add	
Bipolar Remove Details Chronic Bronchitis Remove Details	
Chronic Bronchitis Remove Details Tuberculosis Remove Details	
Depression	
Acute Conditions	
Acute Peridontitis	
Influenza	
Viral Infection	
Add New	
	ł
	F
Help Demo Vitals Meds Labs Other Tests	Close
Back Vac / Imm Risk Factors Other Measures Ref / Edu Other Notes	

FIG. 23

P Patient Electronic C	Care System	X
Patient SSSSSS	SSSSSS, S	Med Rec No: 1231
Condition	Bipolar] Chronic
	Diagnosis	Cured ☐ (enter date cuted)
	Date: 7/4/2002 👨	Date:
ļ	Note:	Note:
1		
	Provider: The state of the stat	Provider: [
		Ok Cancel

FIG. 24



Patient Electro	onic Care System	- Data Entry			
Add Patient Data	a: Encou	ınter Date:	∀	Provider: www	
Clinic: abc	▼ Next	Visit Date:	▽ Enco	ounter Type: Official	Visit ▼
Chart Number: 1231	Last Name:	\$55,555	First Name: sssssss, s	Age: 35 DOB 02/08/6	Sex: Other
Medic	cations				
07/04/02	Last Visit	This Visit			
Class	Name	Date	D/C		[]
AG Inhibitor	miglitol	07/04/02	□ Remove Detail		[]
Biguanides Alpha 2 Antag	metformin Class	07/04/02 07/04/02	Remove Detail		
Bronchodilator	Class	07/04/02	☐ Remove Detail		
NRTI	dbi	07/04/02	□ Remove Detail	=	
Antiplat/coag	ASA	07/04/02	□ Remove Detail		
Antiplat/coag	Class	07/04/02	☐ Remove Detail	s	
A	dd New				
E					11
				<u> </u>	
<u>H</u> elp	Demo	Vitals	Conditions	Labs Other	Tests Close
<u>B</u> ack	Vac / Imm	Risk Factors	Other Measures	Ref/Edu Other	Notes

FIG. 25

Patient SSSSSS, SSSSSS, S	Med Rec No: 1231
Authorizing provider:	
Reason for change:	
ACE Inhibitor: Class	Δ
ACEI & Diuretic: Class AG Inhibitor: acarbose AG Inhibitor: Class AG Inhibitor: Glyset AG Inhibitor: Precose Alpha Blockers: Class Anti-allergy: Class Antiarrythmic: Class	∇
To add item select items, then click OK. To click Cancel	cancel Ok Cancel

FIG. 26



Patient Electronic	Care System - Data E	ntry		
Add Patient Data:	Encounter Dat	p:	Provider: www	
Clinic: abc	■ ✓ Next Visit Dat): []	Encounter Type: Official Vis	it 🔽
Chart Number. 1231	Last Name: ssssss	First Name:	sssssss, s Age: 35 DOB 02/08/67	Sex: Other
Laboratory	Test Results			
	st Visit This Vi	sit		
Test Hemoglobin A1c LDL	Value Date Pre	Value Date	Ref Remove Details Remove Details	
HDL Microalbuminuria Potassium			Remove Details Remove Details	
Creatinine T-4			Remove Details Remove Details Remove Details	
Add	New Item			
<u>H</u> elp	Demo Vitals	Conditions	Meds Other Tes	S Close
<u>B</u> ack	Vac / Imm Risk Fact	ors Other Meas	ures Ref/Edu Other Note	 S

FIG. 27

Patient Electronic Care System		X
Patient: SSSSSSS, SSSSSSS, S	Med Rec No: 1231	
Authorizing provider:	()	
Reason for change:		
24hrUP		Δ
ALT AST CD4 Chol Creatinine Clearance Digoxin Therapeutic Level Fasting Glucose IgE Level		▽
To add item select items, then click OK. To cancel click Cancel	Ok C	Cancel

FIG. 28



- 2900

20 \F	Run Report Edit Report	re System - Reports Report Database: C:\Program Files\PECSI\Report	rts	
	<u>D</u> elete Report Add Report	All Reports	V	
		Report Name:		
		Report Name	Report Category	Last Modified Last Run
		Asthma Registry Summary Report	Asthma	· · · · · · · · · · · · · · · · · · ·
		CVD Registry Summary Report	Cardiovascular	
		Demographic Info for All Pts Rgistry	General	
		Depression Registry Summary Report	Depression	
		Detailed Visit Info	General	
l l		DM Registry Summary Report	Diabetes	
il.		List All Pts non-DM	General	
- 11		List all Pts non-DM and non-CVD	General	
1		List Asthma Pts	Asthma	
- 1		List Asthma Pts no Action Plan Last xx Days	Asthma	
		List Asthma Pts no Assessment Last xx Days	Asthma	
		List Asthma Pts no Flu Vacc Last xx Days	Asthma	
		List Asthma Pts no Home PFM List Asthma Pts no Mgmt Edu Last xx Days	Asthma	
		List Asthma Pts no Pneumococal Vacc Last xx Years	Asthma	
l l		List Asthma Pts no Spirometry or PFT Last xx Days	Asthma	
		List Asthma Pts Pref to Allergy Last xx Days	Asthma	
ı		List Asthma Pts Ref to Dermatology Last xx Days		
		List Asthma Pts Ref to Pulmonary Last xx Days	Asthma	
		List Asthma Pts Under 5 no Prevnar Vacc	Asthma	
		List Asthma Pts with Acute xx ER Last xx Days	Asthma	
- 1		List Asthma Pts with Assessement Last xx Days		
		List Asthma Pts with Hospitalization Last xx Days	Asthma	
		List Asthma Pts with Persistent not on Anti-Inflam	Asthma	
		List Asthma Pts with Selected Visits	Asthma	
		List Asthma Pts with Smoke Exposure Last xx Days	Asthma	
_	B (1 B ii 1 i i i i	List Asthma Pts with Visit Next xx Days	Asthma	
∥∟	Refresh Patient List	List Asthma Pts with xx Missed Days	Asthma	
	Help	List Asthma Pts with xx Symptom Free Days	Asthma	
		List CHF Pts	Asthma	\
	<u>B</u> ack	*11	Cardiovascular	\

FIG. 29



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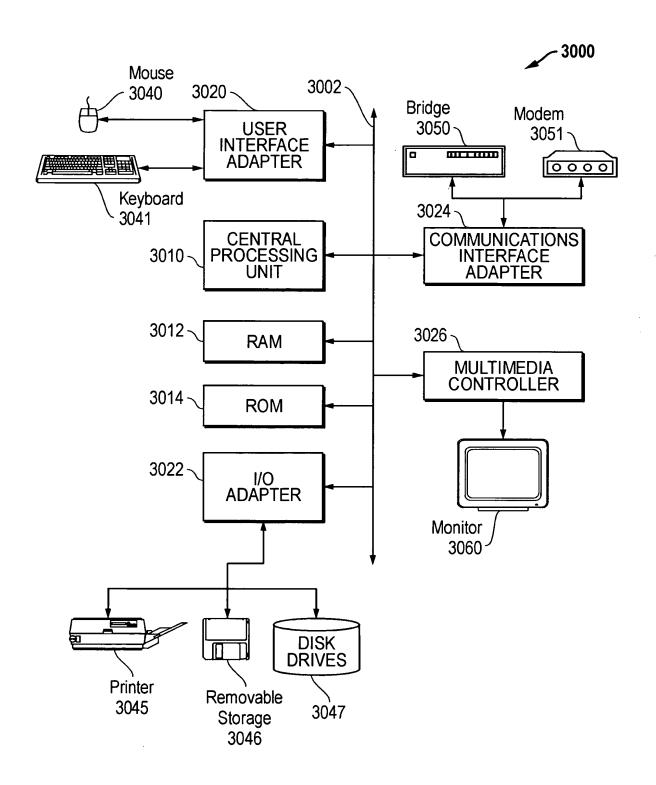


FIG. 30